

## ABSTRACT OF THE DISCLOSURE

A method and system for unloading an IMS database. In a first embodiment,  
5 segments in the segment array are stored in an indexed order. In a second embodiment,  
segments in the segment array are stored in a relative byte address (RBA) order. In both  
the first embodiment and the second embodiment, either an image copy of an IMS  
database or an actual IMS database processed sequentially may be utilized.

In the first embodiment, a lookup table may be created to include a key value and  
10 a segment array location. A segment array may be created to store both the root and child  
segments from the IMS database.

In the second embodiment, a first segment array may be created to store the root  
segments from the IMS database in a sequential order. Additionally, a second segment  
array may be created to store the child segments from the IMS database in a relative byte  
15 address (RBA) order.